

2006 RHIC & AGS Annual Users' Meeting June 5-9, 2006

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Outline

- Safety
- Lab Initiatives
 - HENP and others – context and constraints in a multi-function laboratory
- Summary

Safety First

- Safety is important to us because we don't want our employees and our users, guests and visitors to be injured
- A cluster of recent incidents (after 10^6 hours of DART-free work)
 - Two of these resulted in injuries which turned out not to be life-threatening, but could have been
 - Work stoppages at RHIC and CFN
- Did we go from being a very safe Lab to being a very unsafe Lab?
- We need to look at and learn from what happened
 - Work observation
 - Human performance factors
 - Special issues for safety in the summer at BNL
 - Bikes, ticks, sun/heat

RHIC & AGS Users', 060608

Lab Initiatives

- Major Initiatives; Unique user facilities
BNL's long term future is staked on these
 - Center for Functional Nanomaterials
 - In construction, initial ops 4/07, full ops 4/08
 - NSLS II
 - Seeking CD-1, construction `09-`13, ops `14
 - QCDLab
 - RHIC II – CD-0 `07, construction `10-`12, ops `13
 - eRHIC – CD-0 `09, construction `12-`16, ops `17
- These are “technical” schedules;
much work (by all of us) to make these real
- The FY07 president's budget makes all of this seem
more thinkable than it seemed a year ago
 - That budget has done well in the House, but it ain't over...

Lab Initiatives

- Smaller initiatives, which could grow over time, maybe into major lab activities
- For example
 - Medical imaging
 - Energy for the 21st century
 - Computational science
 - Astrophysics & cosmology
 - ...

QCDLab

- What are the issues?
 - Building the science cases
 - Building consensus in the NP community
 - Building the QCD user communities
 - Building the hardware (the easy part??)

HEP & NP issues for BNL

- Historical HEP & NP dominance →→ more balanced vis à vis BES
- HEP has become an off-site business
 - Home base for US ATLAS, others
 - Niche opportunities @ AGS? (g-2, EDMs, ...)
 - BNL has great prospects for HEP leadership in HEP nationally and internationally
 - We need to understand the role of future on-site HEP facilities in this picture

Summary

- HENP will continue to be a major and vital component of BNL's mission and user facility portfolio for the foreseeable future
 - Time to recognize reality? HENP → NPP
- We have the opportunity and the need now to secure that future by getting buy-in at all levels for the QCDLab vision